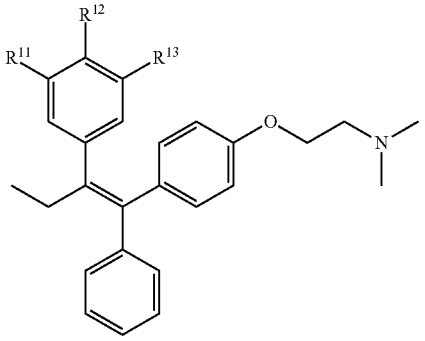
(1c)

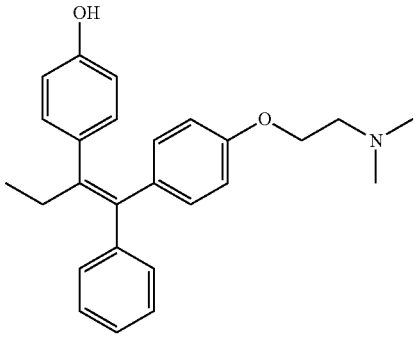


10. The method of claim **9**, wherein at least one of R^{11}, R^{12}, and R^{13} is a hydroxy or methoxy group.

11. The method of claim **10**, wherein R^{11} and R^{12} are hydrogen atoms and R^{12} is a hydroxy or methoxy group.

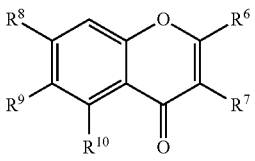
12. The method of claim **11**, wherein the compound has the following structure:

(1d)



13. The method of claim **1**, wherein the TiPARP agonist is a flavone or isoflavone compound within the following generic formula:

(2)



wherein:

R^6 and R^7 are independently selected from (i) hydrogen atom and (ii) phenyl ring optionally substituted with one or two OH and/or OCH_3 groups, provided that one of R^6 and R^7 is (ii);

R^8, R^9, and R^{10} are independently selected from hydrogen atom, methyl, phenyl, hydroxy, and methoxy groups, wherein said phenyl is optionally substituted with a hydroxy or methoxy group;

wherein R^8 and R^9 may optionally interconnect as a benzene ring, or R^9 and R^{10} may optionally interconnect as a benzene ring.

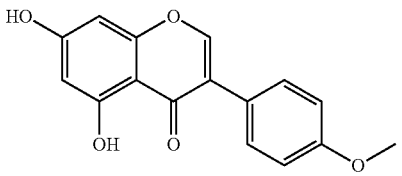
14. The method of claim **13**, wherein at least one of R^8, R^9, and R^{10} is a hydroxy group and none of R^8, R^9, and R^{10} interconnect.

15. The method of claim **14**, wherein at least two of R^8, R^9, and R^{10} are hydroxy groups.

16. The method of claim **15**, wherein one of R^6 and R^7 is a phenyl ring substituted with an OH or OCH_3 group.

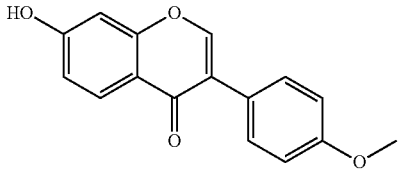
17. The method of claim **16**, wherein the TiPARP agonist has the following structure:

(2a)



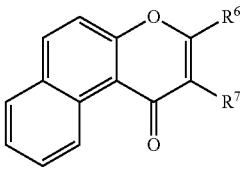
or

(2b)



18. The method of claim **13**, wherein R^9 and R^{10} interconnect as a benzene ring and R^8 is a hydrogen atom, which corresponds to the following structure:

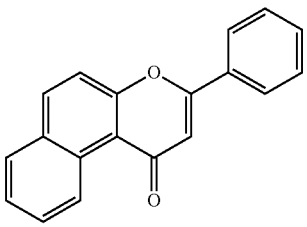
(2e)



19. The method of claim **18**, wherein one of R^6 and R^7 is an unsubstituted phenyl ring.

20. The method of claim **19**, wherein the compound has the following structure:

(2f)



21. The method of claim **1**, wherein the TiPARP agonist is an indolyl-containing compound.

22. The method of claim **21**, wherein the indolyl-containing compound is a diindolylmethane compound having the following structure: